

Task

```
class mall
```

```
{
```

```
    public mall()
```

```
    {
```

```
        System.out.println("The object of mall created");
```

```
    }
```

```
}
```

```
class shop
```

```
{
```

```
    public shop()
```

```
    {
```

```
        System.out.println("Shop Object created");
```

```
    }
```

```
}
```

```
class Mall {
```

```
    ApplicationContext ac = new FilePathVariableApplication  
                                Context("spring.xml");
```

```
    Mall ma = (Mall) ac.getBean("mall");  
    Mall ma1 = (Mall) ac.getBean("mall"); } creates  
                                           same object
```

```
    Shop s1 = (Shop) ac.getBean("shop");  
    Shop s2 = (Shop) ac.getBean("shop"); } creates  
                                           dif Object
```

```
}
```

Web.xml

```
<bean id="mall" class="com.cts.smc.Mall"  
       scope="Singleton">
```

```
<bean id="shop" class="com.cts.smc.Mall"  
       scope="Prototype">
```

②

(a) ~~@Autowired~~
 @Component
 class Mall
 {
 @Autowired
 Shop shop;
 }

}
~~@Autowired~~
 @Component
 class Shop
 {
 public Shop()
 {
 System.out.println("Object created");
 }
 }

(b)
 @Autowired
 @Qualifier("s1")
 Shop shop1

 @Autowired
 @Qualifier("s2")
 Shop shop2

③

```
<bean>
<context:component-scan basePackage="com.cts">
  <bean id="mall" class="com.cts"/>
  <bean id="shop" class="com.cts"/>
</context:component-scan>
```